



# Wolf Creek Dam Weekly Update

US Army Corps of Engineers  
Nashville District

15 May 2008

## Construction Report

### Foundation Grouting

Boart Longyear continued drilling (overburden) and casing using the sonic method in the critical section of TO#4. Boart is running 3 rigs. There are a total of 1236 holes in overburden, drilled and cased.

Production rock drilling (with 2 to 3 Cubex drills) on the work platform continued this week, as well as pressure washing and grouting operations.

ACT/Boart Longyear has temporarily suspended working on V-Line treatment in order to concentrate on initial line closure; 8 of the 23 V-Line holes have been completed.

In the priority areas, 342 holes have been identified as necessary for initial line closure. Grouting operations are in progress in 36 of those holes. Of the 342 total holes, 260 are complete, or 76%.

There is a total of over 735,900 gallons of grout in 939 holes along the embankment. To date, over 740,350 gallons of grout have been pumped into the foundation in all areas.



Grouting Work Platform

### This Week's Activities

- Continue sonic drilling and installation of PVC casing by Boart Longyear with 2-3 drill rigs
- Continue rock production drilling with 1 to 2 Cubex drills, with concentration in the priority areas needed for initial line closure
- Continue pressure testing and grouting, with concentration in the priority areas needed for initial line closure
- Continue reworking sediment pond to better handle operations wastewater

## Water Management Report

Lake Cumberland elevation on 5/15/08 was 681.42 ft. The lake elevation is expected to continue to fall. A total of 0.5 to 0.75 inch of rain is forecasted for the next three days over the Lake Cumberland basin.

### Lake Cumberland Elevation

**681.42**

Time: 0600

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